TABLE 1 TO SUBPART Cb OF PART 60—NITROGEN OXIDES GUIDELINES FOR DESIGNATED FACILITIES

Municipal waste combustor technology	Before April 28, 2009, nitrogen oxides emission limit (parts per million by volume) [a]	On and after April 28, 2009, nitrogen oxides emission limit (parts per million by volume) [a]
Mass burn waterwall	205	205.
Mass burn rotary waterwall	250	210.
Refuse-derived fuel combustor	250	250.
Fluidized bed combustor	180	180.
Mass burn refractory combustors	No limit	No limit.

[a] Corrected to 7 percent oxygen, dry basis.

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TABLE 2 TO SUBPART Cb OF PART 60—NITROGEN OXIDES LIMITS FOR EXISTING DESIGNATED FACILITIES INCLUDED IN AN EMISSIONS AVERAGING PLAN AT A MUNICIPAL WASTE COMBUSTOR PLANT [b]

Municipal waste combustor technology	Before April 28, 2009, nitrogen oxides emission limit (parts per million by volume) [b]	On and after April 28, 2009, nitrogen oxides emission limit (parts per million by volume) [a]
Mass burn waterwall	185	185
Mass burn rotary waterwall	220	190
Refuse-derived fuel combustor	230	230
Fluidized bed combustor	165	165

[a] Mass burn refractory municipal waste combustors and other MWC technologies not listed above may not be included in an emissions averaging plan.
[b] Corrected to 7 percent oxygen, dry basis.

[71 FR 27334, May 10, 2006]

TABLE 3 TO SUBPART Cb OF PART 60—MUNICIPAL WASTE COMBUSTOR OPERATING GUIDELINES

Municipal waste combustor technology	Carbon monoxide emissions levels (parts per million by volume) [a]	Averaging time (hrs) [b]
Mass burn waterwall	100	4
Mass burn refractory	100	4
Mass burn rotary refractory	100	24
Mass burn rotary waterwall	250	24
Modular starved air	50	4
Modular excess air	50	4
Refuse-derived fuel stoker	200	24
Fluidized bed, mixed fuel (wood/refuse-derived fuel)	200	[c] 24
Bubbling fluidized bed combustor	100	4
Circulating fluidized bed combustor	100	4
Pulverized coal/refuse-derived fuel mixed fuel-fired combustor	150	4
Spreader stoker coal/refuse-derived fuel mixed fuel-fired combustor	200	24
Semi-suspension refuse-derived fuel-fired combustor/wet refuse-derived fuel process conversion	250	[c] 24
Spreader stoker fixed floor refuse-derived fuel-fired combustor/100 percent coal capable	250	[c] 24

[a] Measured at the combustor outlet in conjunction with a measurement of oxygen concentration, corrected to 7 percent oxygen, dry basis. Calculated as an arithmetic average.
[b] Averaging times are 4-hour or 24-hour block averages.
[c] 24-hour block average, geometric mean.

[71 FR 27334, May 10, 2006]